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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 3748W0	FOR FURTHER see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/NL 03/00003	07/01/2003	25/01/2002
DSM N.V.		
This International Search Report has bee according to Article 18. A copy is being to	on prepared by this International Searching Aut ansmitted to the International Bureau.	hority and is transmitted to the applicant
·	of a total of3 sheets. v a copy of each prior art document cited in this	report.
Basis of the report With regard to the language, the	international search was carried out on the ba	sis of the international application in the
language in which it was filed, un	less otherwise indicated under this item.	old the international application in the
the international search w Authority (Rule 23.1(b)).	vas carried out on the basis of a translation of t	he international application furnished to this
b. With regard to any nucleotide ar was carried out on the basis of th	nd/or amino acid sequence disclosed in the ir e sequence listing: onal application in written form.	nternational application, the international search
岩	ernational application in computer readable for	n.
furnished subsequently to	this Authority in written form.	
furnished subsequently to	this Authority in computer readble form.	
the statement that the sul international application a	bsequently furnished written sequence listing d as filed has been furnished.	loes not go beyond the disclosure in the
		s identical to the written sequence listing has been
2. Certain claims were fou	nd unsearchable (See Box I).	
3. Unity of invention is lac	king (see Box II).	
4. With regard to the title,		
X the text is approved as su	ubmitted by the applicant.	
the text has been establis	shed by this Authority to read as follows:	
5. With regard to the abstract,		
X the text is approved as su	ubmitted by the applicant.	
the text has been establis within one month from the	shed, according to Rule 38.2(b), by this Authori e date of mailing of this international search rep	ty as it appears in Box III. The applicant may, port, submit comments to this Authority.
6. The figure of the drawings to be published		
as suggested by the appli	icant.	X None of the figures.
because the applicant fail	ed to suggest a figure.	_
because this figure better	characterizes the invention.	

INTERNATIONAL SEARCH REPORT

International Application No PCT/I 3/00003

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C08G69/04 C08G69/06

C08G69/28

C08G69/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ccc} \text{Minimum documentation searched (classification system followed by classification symbols)} \\ IPC & 7 & C08G \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
1		
A	EP O 732 351 A (FISCHER KARL IND GMBH)	1-13
	18 September 1996 (1996-09-18)	
	cited in the application	
	claims	
Ą)	US 3 821 171 A (BEATON D)	1-13
J	28 June 1974 (1974-06-28)	
	cited in the application	
	claims	
À	US 5 955 569 A (DUJARI RAMDAS ET AL)	1-13
	21 September 1999 (1999-09-21)	
	claims	
	column 5, line 37 -column 6, line 25	
x	US 5 859 177 A (BERGER LUZIUS ET AL)	1-13
	12 January 1999 (1999-01-12)	İ
	claims	
		

Further documents are listed in the continuation of box C.	χ Patent family members are listed in annex.
Special categories of cited documents: A* document defining the general state of the art which is not considered to be of particular relevance E* earlier document but published on or after the international filing date L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed	 *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family
Date of the actual completion of the international search 1 April 2003	Date of mailing of the international search report 09/04/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Gerber, M

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INTERNATIONAL SEARCH REPORT

n on patent family members

PCT/ 3/00003 Patent document Publication Patent family Publication member(s) date cited in search report date 19-09-1996 Α 18-09-1996 DE 19510698 A1 EP 0732351 12-07-2001 DE 59607024 D1 EP 0732351 A2 18-09-1996 US 5773555 A 30-06-1998 CH 570427 A5 15-12-1975 US 3821171 28-06-1974 Α DE 2232304 A1 18-01-1973 2143944 A1 09-02-1973 FR GB 1401849 A 30-07-1975 IT 965068 B 31-01-1974 7209242 A NL 03-01-1973 980495 A1 23-12-1975 CA 21-09-1999 ΑU 727025 B2 30-11-2000 US 5955569 Α ΑU 7401198 A 22-06-1998 BR 9713092 A 28-03-2000 CN 1238790 A 15-12-1999 17-05-2001 69704568 D1 DE 69704568 T2 18-10-2001 DE 15-09-1999 EP 0941271 A1 JP 2001507048 T 29-05-2001 KR 2000057251 A 15-09-2000 WO 9823666 A1 04-06-1998 9724389 A1 10-07-1997 US 5859177 12-01-1999 WO Α 9510385 A 02-06-1998 BR 17-12-1997 EP 0812338 A1 JP 11509262 T 17-08-1999 2132340 C1 27-06-1999 RU

International Application No